

Title (en)

A leakage control mechanism for LPG cylinders

Title (de)

Leckprüfmechanismus für Flüssiggaszylinder

Title (fr)

Mécanisme de contrôle des fuites pour cylindres LPG

Publication

**EP 2199655 A1 20100623 (EN)**

Application

**EP 09178694 A 20091210**

Priority

TR 200809620 A 20081218

Abstract (en)

The invention is related with a leakage control mechanism (1) for LPG cylinders (7). 0.2 gr/h valve and body leakages can be detected with this mechanism (1). In addition, the cylinders (7) can automatically be controlled on the line without requiring an operator.

IPC 8 full level

**F17C 5/00** (2006.01); **F17C 13/12** (2006.01)

CPC (source: EP)

**F17C 5/00** (2013.01); **F17C 5/005** (2013.01); **F17C 2205/0323** (2013.01); **F17C 2221/035** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2250/043** (2013.01); **F17C 2260/038** (2013.01); **F17C 2270/059** (2013.01)

Citation (applicant)

- EP 0387542 A2 19900919 - REPSOL BUTANO SA [ES]
- EP 0441632 A2 19910814 - LAMBRECHTS NV [BE]
- JP 2000352539 A 20001219 - HITTO KAIHATSU KENKYUSHO KK
- US 5831147 A 19981103 - HOATH STEPHEN D [GB]

Citation (search report)

- [A] JP 2000352539 A 20001219 - HITTO KAIHATSU KENKYUSHO KK
- [A] EP 0387542 A2 19900919 - REPSOL BUTANO SA [ES]
- [A] DE 19622715 A1 19970102 - MORTON INT INC [US]
- [A] DE 10017252 A1 20011018 - HASENKOPF KARL PETER [DE]
- [A] DE 4208841 C1 19930805

Cited by

EP2610781A3; US11306875B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2199655 A1 20100623; EP 2199655 B1 20110831**; AT E522768 T1 20110915; DK 2199655 T3 20111219; TR 200809620 A2 20100721

DOCDB simple family (application)

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